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SEP 27 2005

Date: Tuesday, September 27, 2005

Total Pages: 7

Subject: App. No. 10/817,354

Name: Primary Exr. Edna Wong

Company: U.S. Patent Office

Voice Number:

Fax Number: (571) 273-8300

Note: Attached please find a 6-page response to Patent Office communication dated 08 July 2005.

Respectfully,
Jean Macheledt
Patent Attorney for Assignee/Applicants
Reg. No. 33,956

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Appl. No. 10/817,354
Response dated 27th September 2005
Communication in reply to action dated 08-July-05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Oomman K. Varghese, et al.

Filed: 02 April 2004

Serial No: 10/817,354

Confirm No: 3287

Docket: PSU -100A

For: Titania Nanotube Arrays for use as
Sensors and Method of Producing

Examiner: Edna WONG

Group Art: 1753

FACSIMILE TRANSMISSION 6 pages total in this response.

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I hereby certify under 37 CFR 1.8(a) that a signed original copy of this
paper is being sent as authorized by 37 CFR 1.6(d) on the date indicated
below via standard telephonic facsimile transmission to Patent Office
Central FAX No.: (571) 273-8300

ATTN: Primary Examiner Edna WONG

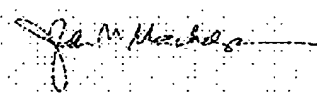
Amendment/Arguments in response to Office action

Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

Date of Transmission: Tuesday, 27th day of September, 2005

By: Jean M Macheledt (printed name)

signed:



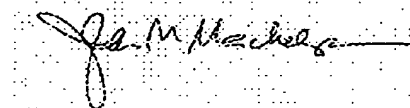
NON FEE Response to Office Communication mailed 08 July 2005

Mail Stop NON-Fee Response
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Authorization to Charge FEES, if determined necessary

Dear Sir:

Applicants need not petition to request an extension of time to respond of <0> month under 37 CFR 1.136(a), permitting the attached response and amendments to be entered, as applicants are within shortened statutory time permitted by the examiner. Thus NO FEE is required under §1.17(a)(1) [1251/2251]. However, in the event it is determined that an additional amount is due as a result of the attached response, any such amount is to be charged to **Macheledt Bales LLP deposit account no. 020725**. Since the response is being fax-filed, no duplicate copy of this first page is enclosed.



Macheledt Bales & Heidmiller LLP
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Appl. No. 10/817,354
Response dated 27th September 2005
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AMENDMENT and RESPONSE

In response to the Patent Office examiner's Office Action mailed 08 July 2005, please consider the following remarks in the above-captioned case. The undersigned thanks the examiner for his time over the tel. and encourages him to call at a time convenient in the event a conversation might aid moving prosecution further forward and/or result in an examiner's amendment. This response has been formatted in the revised format pursuant to published notification by the Patent Office as best as can be understood. See, MPEP §714 III.

Amendments to the Specification/ABSTRACT are reflected on page 3 for purposes of meeting a word-length request made by the primary examiner.

Amendments to the Claims are reflected in the full listing of claims (in the new amendment format) which begins on page 4 of this correspondence, made to simply clarify that which applicants' regard as their invention.

No amendments to the Drawings are deemed necessary, as no suggestion or objection has been made to so amend.

Remarks/Arguments begin on page 6 of this correspondence.